

Title (en)  
METHOD OF INCREASING MOLECULAR WEIGHT OF POLY(ARYL ETHERS)

Publication  
**EP 0125816 B1 19870923 (EN)**

Application  
**EP 84302688 A 19840419**

Priority  
GB 8313110 A 19830512

Abstract (en)  
[origin: ES8602044A1] Process involves heating mixts. of (A) polyaryl ether(s) having Ar-X or Ar-OZ end gps.; and (B) nucleophilic reagents comprising (1) alkaline Gp. I or II metal salts, or (2) difunctional cpds. having X and/or OZ gps. reactive towards Ar-OZ and Ar-X in (A) respectively; and maintaining at temps. above (A) m.pt. until the desired increase in mol. wt. has occurred. Ar = arylene, esp. phenylene; X = monovalent radical capable of nucleophilic displacement from Ar, pref. halo, CN or NO<sub>2</sub> radicals; and Z = a univalent metal. - Also claimed are (i) reinforcing fibres for use as above where the required level of (1) is carried on the surface of the filaments, and (ii) articles mfd. from the compsns. of the process.  
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IPC 1-7  
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**C08G 65/00** (2006.01); **C08G 65/40** (2006.01); **C08G 65/48** (2006.01); **C08J 5/06** (2006.01); **C08L 71/00** (2006.01)

CPC (source: EP US)  
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**C08J 2371/00** (2013.01 - EP US)

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US5239044A; EP0254585A3; EP0528266A3; EP0232019A3; US4904532A; US4717761A; FR3044313A1; EP2368931A1; EP2366728A3; US10662328B2; US10829638B2; WO8700539A1; WO2017186926A1; WO2005030836A1; WO8606389A1; US9662821B2; US10307511B2; WO8607368A1; WO2017093650A1; WO8607598A1; WO2017186925A1; US7608648B2; US7906574B2; US8536265B2; US9243101B2; US8597675B2; US8968797B2; US9381275B2; US10195308B2; EP2366728B1; EP1866368B1

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